

## [J] ABSTRACT

Saucer shaped vehicle, with VTOL capabilities, having another tapered toroidal body inside. Between the upper half of the toroid and the outer skin lies a circular wing,. Air will be drawn horizontally from the opening situated at the bottom outer edge of the skin, and directed inward to a lower cone in the duct via two counter rotating fan assemblies.

Compressed air will pass up and over the horizontal wing causing lift.

Inner design will utilize the inside part of the skin as a high pressure area, top part of the wing as low pressure, where a vacuum will be generated.

Similar configuration will be applied to the under part of the wing and top of inner toroid.

Air will be diverted under the inner toroid to a secondary airfoil, with a similar design, causing additional lift, then returned to the duct to be reused, thus saving energy.